

## USPL Checklist: AO/AOD Energized Electrical Equipment (EEE) Practical

Student Name:	Evaluated By:
Student ID:	Evaluator Signature:
Evaluation Date:	

**Description:** Candidate must successfully complete all sections of the form. Indicate Pass, N/A or Fail for each item listed below. Complete the Asset Operator (AO)/Asset Operator Designee (AOD) role in the ATW and Permit issuing process for a typical Cold Work — Energized Electrical Equipment Permit at the candidate's location as specified by the Evaluator.

<p><b>1.ATW POLICY</b> Candidate completed the ATW form with input from the Performing Authority and the Workforce.</p>	Comments	Fail: <input type="checkbox"/> Pass: <input type="checkbox"/> N/A <input type="checkbox"/>
<p><b>2.ATW Policy</b> Candidate reviewed the Level 2 HITRA to verify that the scope is appropriate, permits have been identified, and that it has been properly approved.</p>	Comments	Fail: <input type="checkbox"/> Pass: <input type="checkbox"/> N/A <input type="checkbox"/>
<p><b>3.ATW Policy</b> Candidate reviewed and verified that permit conditions are deemed acceptable for the defined scope of work and affected equipment.  Candidate issued the permit to the Performing Authority or can delegate permit issuance to the AOD.</p>	Comments	Fail: <input type="checkbox"/> Pass: <input type="checkbox"/> N/A <input type="checkbox"/>
<p><b>4.ATW Policy</b> Candidate determined if changes can be made to a permit if permit conditions are exceeded or if the permit should be cancelled and a new permit issued.  Candidate made changes to the permit by documenting their approval of the changes by initialing the changes where they are documented on the permit.  Candidate described making changes to permits issued by telephone.  Candidate described determining if changes to the Level 2 HITRA are necessary and how to facilitate those changes as the HITRA Leader prior to approving the changes to the permit.</p>	Comments	Fail: <input type="checkbox"/> Pass: <input type="checkbox"/> N/A <input type="checkbox"/>
<p><b>5.ATW POLICY</b> Candidate received expired permits from the Performing Authority(s) and verified that the work written on the permit(s) has been completed.  Candidate documented the expiration time on the permit(s) and on the ATW form in Section C.</p>	Comments	Fail: <input type="checkbox"/> Pass: <input type="checkbox"/> N/A <input type="checkbox"/>

<p>6.ATW POLICY</p> <p>Candidate updated the Permit Register when a permit was issued and then when it expired.</p>	<p>Comments</p>	<p>Fail: <input type="checkbox"/></p> <p>Pass: <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p>
<p>7. ENERGIZED ELECTRICAL EQUIPMENT</p> <p>The candidate discussed the conditions that require a Cold Work — Energized Electrical Equipment Permit.</p>	<p>Comments</p>	<p>Fail: <input type="checkbox"/></p> <p>Pass: <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p>
<p>8. ENERGIZED ELECTRICAL EQUIPMENT</p> <p>The candidate reviewed and issued a Cold Work — ENERGIZED ELECTRICAL EQUIPMENT Permit to the Performing Authority.</p>	<p>Comments</p>	<p>Fail: <input type="checkbox"/></p> <p>Pass: <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p>
<p>9. ENERGIZED ELECTRICAL EQUIPMENT</p> <p>The candidate described the difference between the arc flash hazard and the electrical shock hazard and the required boundaries and mitigations for those hazards.</p>	<p>Comments</p>	<p>Fail: <input type="checkbox"/></p> <p>Pass: <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p>
<p>10. ENERGIZED ELECTRICAL EQUIPMENT</p> <p>The candidate listed and discussed the requirements of the associated policies and procedures as they apply to Cold Work — Energized Electrical Equipment.</p> <p>– Electrical Safety Policy</p> <p>– Personal Protective Equipment Policy</p>	<p>Comments</p>	<p>Fail: <input type="checkbox"/></p> <p>Pass: <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p>
<p>11. ENERGIZED ELECTRICAL EQUIPMENT</p> <p>The candidate listed and discussed the types of work on energized electrical equipment that shall require a Cold Work Permit:</p> <ul style="list-style-type: none"> <li>• Placing Equipment In or Out of Service</li> <li>• Fuse Handling</li> <li>• Making Connections</li> <li>• Repair Work</li> <li>• Testing</li> <li>• Grounding</li> </ul>	<p>Comments</p>	<p>Fail: <input type="checkbox"/></p> <p>Pass: <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p>
<p>12. ENERGIZED ELECTRICAL EQUIPMENT</p> <p>The candidate listed and discussed when a person trained in first aid including cardiopulmonary resuscitation (CPR) shall be available.</p> <ul style="list-style-type: none"> <li>• When personnel are performing work on live overhead electrical lines or transformers</li> <li>• Entry into an underground electrical vault with energized equipment</li> <li>• Tree trimming around exposed electrical lines</li> </ul>	<p>Comments</p>	<p>Fail: <input type="checkbox"/></p> <p>Pass: <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p>

<p><b>13. ENERGIZED ELECTRICAL EQUIPMENT</b></p> <p>The candidate listed and discussed the requirements for availability of CPR-trained persons:</p> <ul style="list-style-type: none"> <li>• A CPR trained person shall be available for each worker exposed to electric shock. The number of CPR trained persons available shall be equal to the number of workers exposed to the electric shock, on a one for one basis.</li> <li>• A designated CPR trained person shall not be a worker exposed to the electric shock while performing the work.</li> </ul> <p>The trained person(s) shall be located so that they can reach each person exposed to electric shock within four (4) minutes.</p>	<p>Comments</p>	<p>Fail: <input type="checkbox"/></p>
<p><b>14. Energized Electrical Equipment</b></p> <p>The candidate listed and discussed the following exemptions that do not require a Cold Work — Energized Electrical Equipment permit:</p> <ul style="list-style-type: none"> <li>• Work on live Instrumentation and Programmable Logic Controllers (PLC) rated at 120VAC and below.</li> <li>• Work performed within the Limited Approach Boundary of energized electrical conductors or circuit parts by qualified persons related to tasks such as testing, troubleshooting or voltage measuring, provided appropriate safe work practices and personal protective equipment as described in the Electrical Safety Policy are provided and used.</li> </ul>	<p>Comments</p>	<p>Fail: <input type="checkbox"/></p>
<p><b>15. COMPLETION</b></p> <p>The above-named employee has successfully demonstrated performing the role of Asset Operator/Asset Operator Designee for the scenario listed above.</p>	<p>Comments</p>	<p>Fail: <input type="checkbox"/></p>
		<p>Pass: <input type="checkbox"/></p>
		<p>N/A <input type="checkbox"/></p>